

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 20 Aug 2020 until 23:59 on Friday 21 Aug 2020

Forecast Issued on Thursday 20 Aug 2020 at 04:42

Confidence: High confidence for an unseasonably windy spell of weather with periods of heavy rain and squally showers at times. Medium confidence for maximum wind gusts, especially on Friday.

Headline for Thursday 20 Aug 2020: Dry with long sunny spells today, but remaining rather windy at height.

Mountain weather hazards on Thursday 20 Aug 2020

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny	Sunny	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	00%	<05%	<05%	<05%	<05%

Forecast for Thursday 20 Aug 2020

Weather: Long sunny spells today, and staying dry but also rather windy. This evening some patchy cloud, but also long clear spells, with freshening southerly winds and a low risk of gales developing over the summits and exposed ridges.

Chance of cloud free mountain/hill tops above 600m: 100%.

Visibility: Excellent clarity throughout.

Forecast for Thursday 20 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/30 SW	20/26 S	20/29 S	19/29 S	17/25 S	20/31 S	23/35 S
300	12/31 SW	14/28 S	17/31 S	15/30 S	11/26 S	13/30 S	13/32 SE
Valley	7/25 SW	13/26 S	15/29 S	12/25 S	10/24 SE	11/28 SE	16/36 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	12/9	15/11	16/12	16/13	14/10	13/9
300	13/10	16/13	18/15	19/16	18/16	15/13	15/12
Valley	14/13	17/15	20/16	20/18	19/17	17/15	16/13
Freezing Level*	2100m	2200m	2200m	2500m	2600m	2700m	2500m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong sunshine this afternoon means sun cream is necessary. This evening the wind will strengthen, with a low risk of gales developing over summits and exposed ridges by midnight.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 20 Aug 2020	16mm	26mm	37.8mm

Forecast for Friday 21 Aug 2020

Weather: Dry and largely clear at first, but quickly becoming cloudy with a few showers before a spell of short-lived heavy, squally rain arrives late in the night. This clears, with scattered showers and sunny or spells following through the remainder of the day. Some of these showers may be heavy.

Maximum wind: South to south-easterly 35-40mph, with gusts 50-55mph, increasing south to south-westerly 40-45 mph, with 55-60 mph gusts on hill tops during the morning. Winds 30-35mph with gusts 40-50mph from late-afternoon.

Chance of cloud free mountain/hill tops above 600m: 90%, temporarily reducing to 60% as the squally heavy band of rain passes through late in the night.

Visibility: Very good views of distant hills in general. Nearby hills appearing as faint outlines as heavy rain passes through late in the night, although even nearby hills may become obscured briefly in any intense rain, or low cloud on hill tops.

Temperature: **Valleys:** Plus 14 becoming Plus 18 Celsius.
At 600m: Plus 11 to 14 Celsius.
Freezing level: Above the summits.